

CONVERSION FACTORS, VERTICAL DATUM, AND DEFINITIONS

Multiply	by	To obtain
Length		
inch (in.)	25.4	millimeter
foot (ft)	0.3048	meter
mile (mi)	1.609	kilometer
Area		
square mile (mi ²)	2.590	square kilometer
acre	4,047	square meter
Volume		
gallon (gal)	3.785	liter
Flow		
cubic foot per second (ft ³ /s)	0.02832	cubic meter per second
cubic foot per second per square mile [(ft ³ /s)/mi ²]	0.01093	cubic meter per second per square kilometer
Mass		
ounce, avoirdupois (oz)	28.35	gram
Specific Conductance		
micromho per centimeter at 25 degrees Celsius (μmho/cm at 25 °C)	1.000	microsiemens per centimeter at 25 degrees Celsius

Sea level: In this report, "sea level" refers to the National Geodetic Vertical Datum of 1929--a geodetic datum derived from a general adjustment of the first-order level nets of the United States and Canada, formerly called Sea Level Datum of 1929.

Temperature: In this report, temperature is given in degrees Celsius (°C), which can be converted to degrees Fahrenheit (°F) by the following equation:

$$^{\circ}\text{F} = 1.8 (^{\circ}\text{C}) + 32$$

Definitions used in this report:

Water year - The period October 1 through September 30, determined by the calendar year in which it ends.